
Chapter 2

RESOURCE SUMMARY

Land ownership

There are approximately 36,030 acres in the Kashwitna Unit. About 29,550 acres are state land, 6,090 acres are borough land, and 390 acres are private land (see Map 2). Proposed agricultural homesteads will transfer about 640 acres of state land to private ownership in Subunit c subject to covenants on agricultural use and development (11 AAC 67.154).

Agriculture

DESIGNATIONS AND EXISTING USE

Agriculture for small farms is the primary use in Subunit c. Two 160-acre agricultural homesteads exist in Subunit c (see Map 3) and portions of up to eight more parcels are proposed for sale in or after 1992 (see Chapter 3, Agriculture).

RESOURCES AND POTENTIAL

Detailed soil surveys are available for the parts of the Kashwitna Unit in T21N R4W, T20N R4W, and T20N R3W section 31. Within these areas, which are mostly borough land, about 60% of the soil is rated class III or IV under the current survey, and 40% is rated class V or worse. Less than 1% is rated class II.¹ Class II, III, and IV soils are rated suitable for annual crop production.

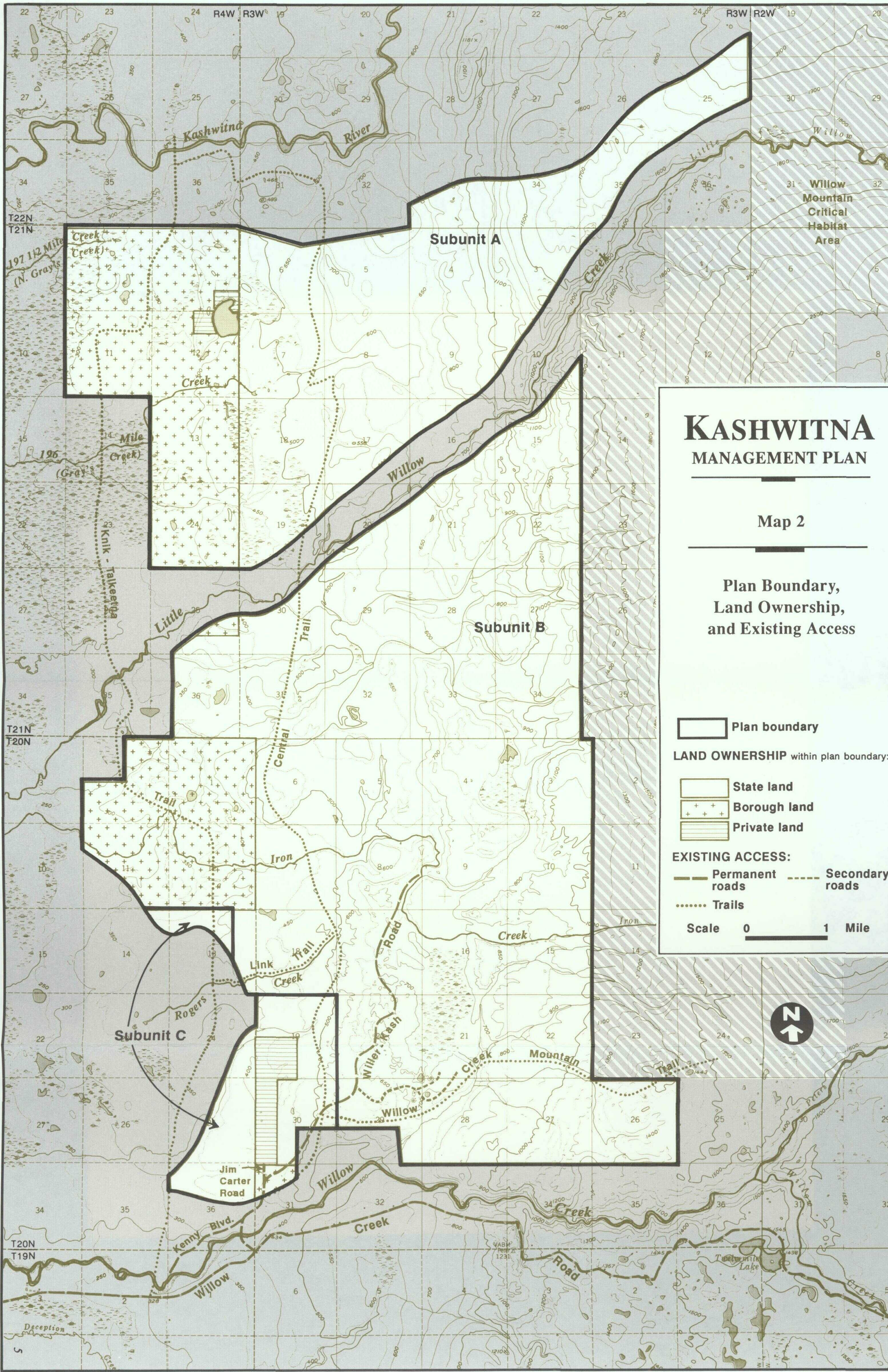
Currently, the remainder of the Kashwitna Unit is covered only by the Exploratory Soil Survey. Most of the unit is categorized as association SO 1² in the statewide Exploratory Soil Survey.³ The description of this association states:

In general, the well drained soils on nearly level to rolling uplands are potentially suitable for cultivation or forestry. They have few limitations for roads, structures, and other intensive uses. Many of the other soils, however, have one or more restrictive features, such as a high water table, periodic flooding, steep slopes, poor stability, slow permeability, and stoniness, that severely limit their potential for use.

¹The USDA Soil Conservation Service is updating soil classifications in this area and expanding the area covered by detailed soil survey. In many areas the new classifications will lower the soil rating.

²Association SO 1 is "Typic Cryothods, loamy, nearly level to rolling-Sphagnum Boro-fibrists, nearly level association."

³USDA Soil Conservation Service. 1979. Exploratory Soil Survey of Alaska. Anchorage, AK. 213 pp. + maps.



KASHWITNA MANAGEMENT PLAN

Map 2

Plan Boundary,
Land Ownership,
and Existing Access

Plan boundary

LAND OWNERSHIP within plan boundary:

- State land
- Borough land
- Private land

EXISTING ACCESS:

- Permanent roads
- Secondary roads
- Trails

Scale 0 1 Mile

